

ABSTRACT

The present invention provides a smart hard-disk drive (sHDD). It can act as a host and directly communicate with multimedia devices. The sHDD offers true portability and provides a universal multimedia exchange platform (i.e. communicating directly with digital camera, mp3 player, camcorder, movie-playing device, etc.) The HDD integration breaks the traditional design barrier by integrating at least a portion of the HDD electronics onto the system motherboard.